

## Sunlight Omnisense 8000S Bone Densitometer



Rating: 4.0

**Price:**

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 10,500.00

Discount:



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Manufacturer: [Sunlight Omnisense](#)

Description

### Sunlight Omnisense 8000S Bone Densitometer Details

Sunlight Omnisense® 8000S is a high-end mobile bone assessment device that delivers high precision and accuracy along with user-friendly, radiation-free measurement at multiple skeletal sites. Omnisense 8000S offers complete portability, providing the ideal mobile bone assessment solution for the clinics and physicians that require it.

Omnisense 8000S is the only portable bone assessment device on the market today with measurement at multiple skeletal sites. Measurement with Omnisense 8000S is based on Omnipath®, a patented technology developed for diagnosing and monitoring osteoporosis. With its convenience in portability, quick-set-up, and compactness, Omnisense 8000S can also be used as a shared resource or a mobile service.

Omnisense 8000S is a compact self-contained device based on a familiar Windows user interface. The Omnisense concept embodies unique patient history and scheduling features which enable you to easily track measurement history and monitor treatment.

### Features and Benefits

- Compact and portable.
- Measurement at multiple skeletal sites.
- Ethnicity-based male and female reference databases.
- Fits WHO criteria for osteoporosis diagnosis.
- FDA and CE approved.

## Technical Specifications

Parameter	Specification
Manufacturer	Sunlight Medical
Model	Sunlight Omnisense <sup>®</sup> 8000S
Measurement Precision and Accuracy	RMS CV = 0.4% - 0.8% in-vivo precision, depending on site 0.25% to 0.5% instrumental accuracy, depending on probe
Measurement Sites	<ul style="list-style-type: none"> <li>• Distal 1/3 radius (forearm)</li> <li>• Proximal phalanx III (finger)</li> <li>• Metatarsal V (foot)</li> <li>• Mid-shaft tibia (lower leg)</li> </ul>
Technology	Quantitative ultrasound, using Omnipath <sup>®</sup> axial transmission technology
Measured parameter	Axially transmitted speed of sound (SOS), expressed in m/sec
Scan time	Less than one minute per skeletal site
Data Analysis	Compares SOS results with reference database and reports T-scores and Z-scores
Regulations and Certifications	IEC 60601-1, IEC 60601-1-2 Class B, Part 15 of the FCC rules, Class B, CE Mark
Display	12.1" TFT color LCD display
User Interface	Mini keyboard, integrated mouse
Power	<ul style="list-style-type: none"> <li>• 100-240V (autoswitchable)</li> <li>• ~50-60 Hz</li> </ul>
Power consumption	Approximately 80 VA
Unit dimensions	W x H x D 37.5 cm. x 28.5 cm. x 13.6 cm.
Weight	Approximately 6 1/2 kg.
Printers	Standard PC printers; Recommended list of printers appears in User Guide
Backup Platforms	CD-RW drive (approx. 580 MB) 3.5" drive (1.44 MB)
Special Features	<ul style="list-style-type: none"> <li>• Windows operating system</li> <li>• Proprietary analysis software for Omnipath<sup>TM</sup></li> <li>• Radiation-free</li> <li>• Precise and accurate, enabling effective monitoring</li> <li>• Multi-site measurement</li> <li>• On-screen comparison and trending of prior results and reports</li> <li>• Patient scheduling and database management</li> <li>• Multi-media training tutorial</li> <li>• Quick set-up</li> <li>• Supplied with soft carrying case</li> </ul>